CAHSR Board Meeting

January 08, 2009

Caltrain Segment
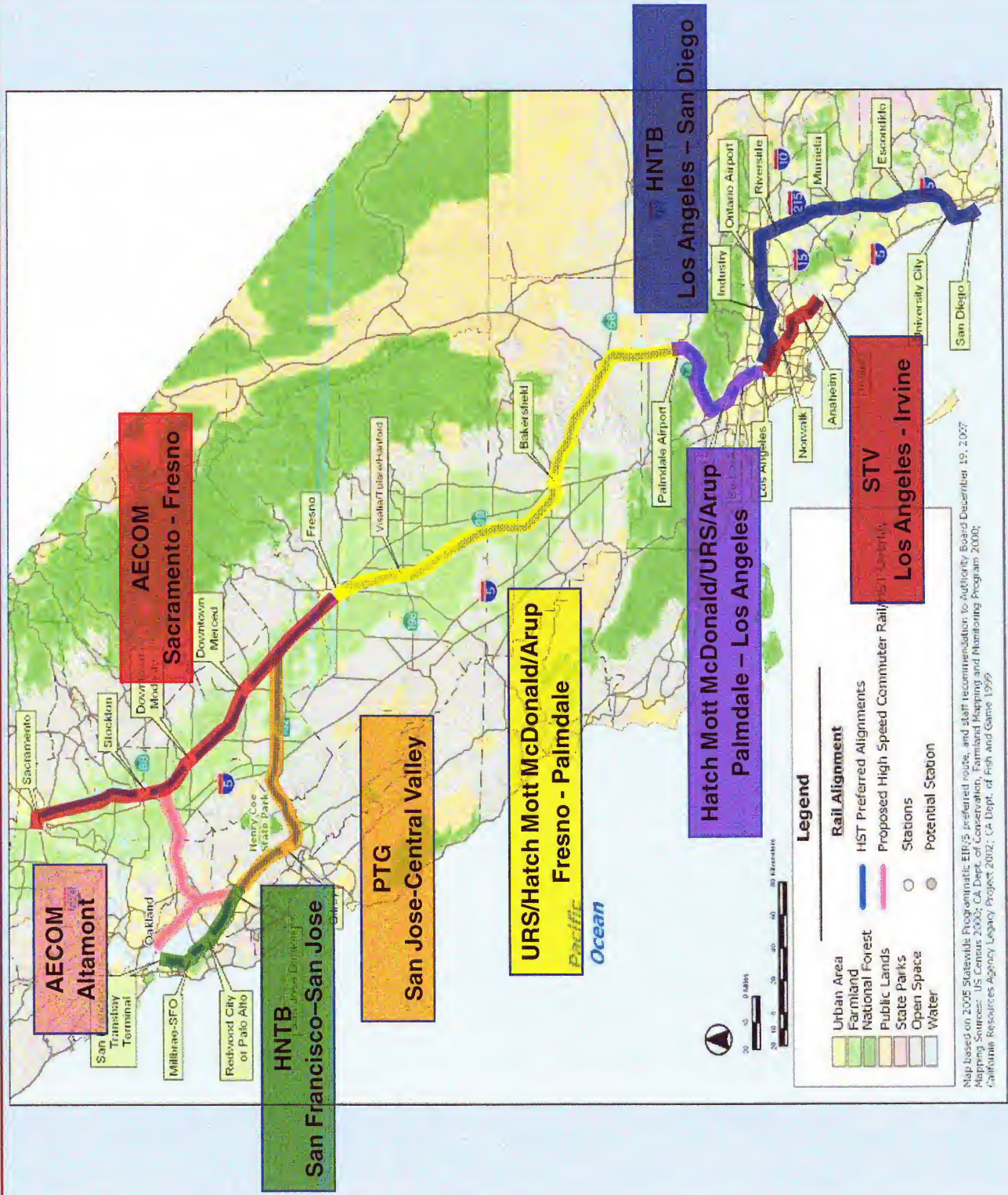
San Francisco to San Jose

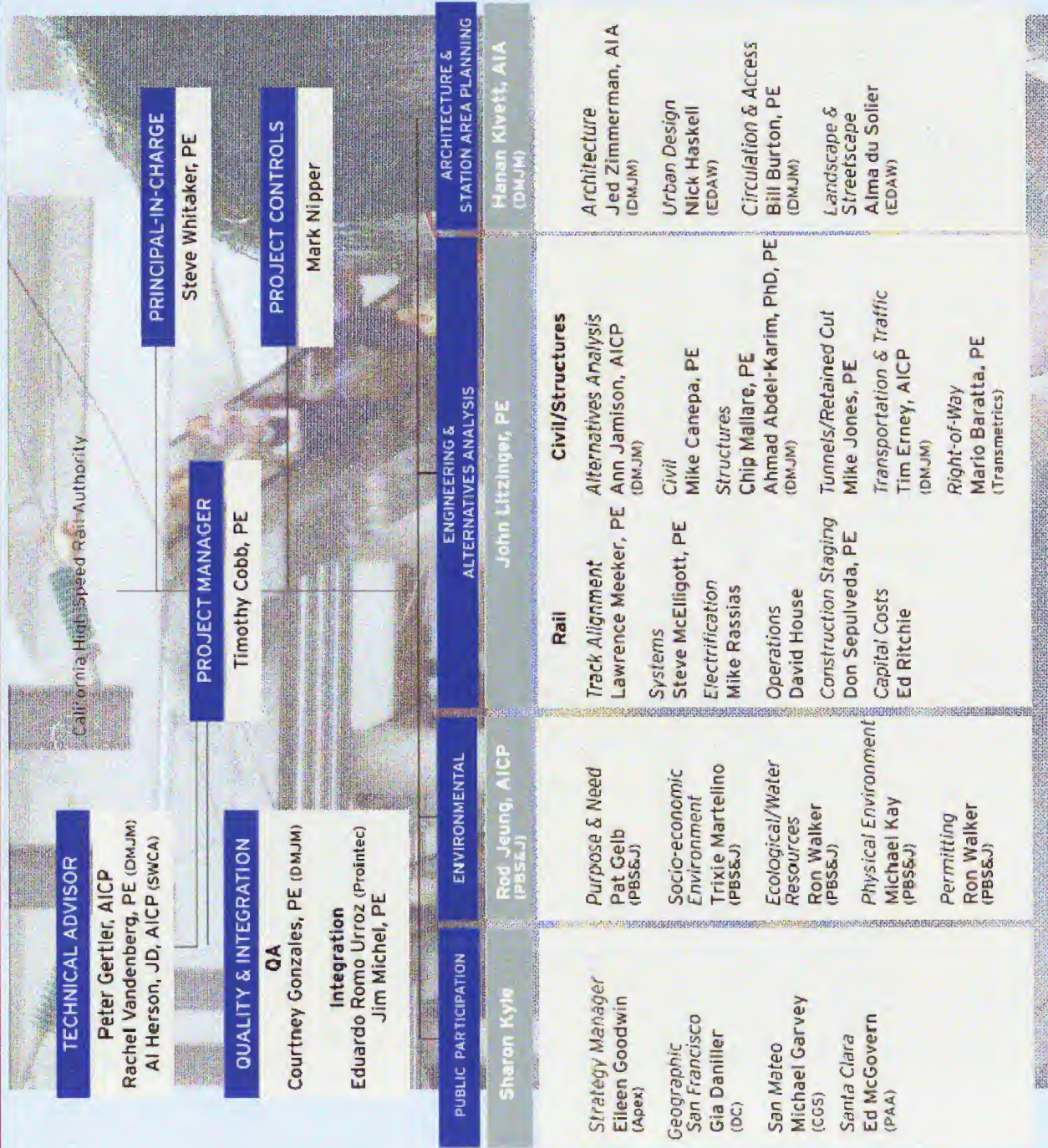## HNTB Corporation
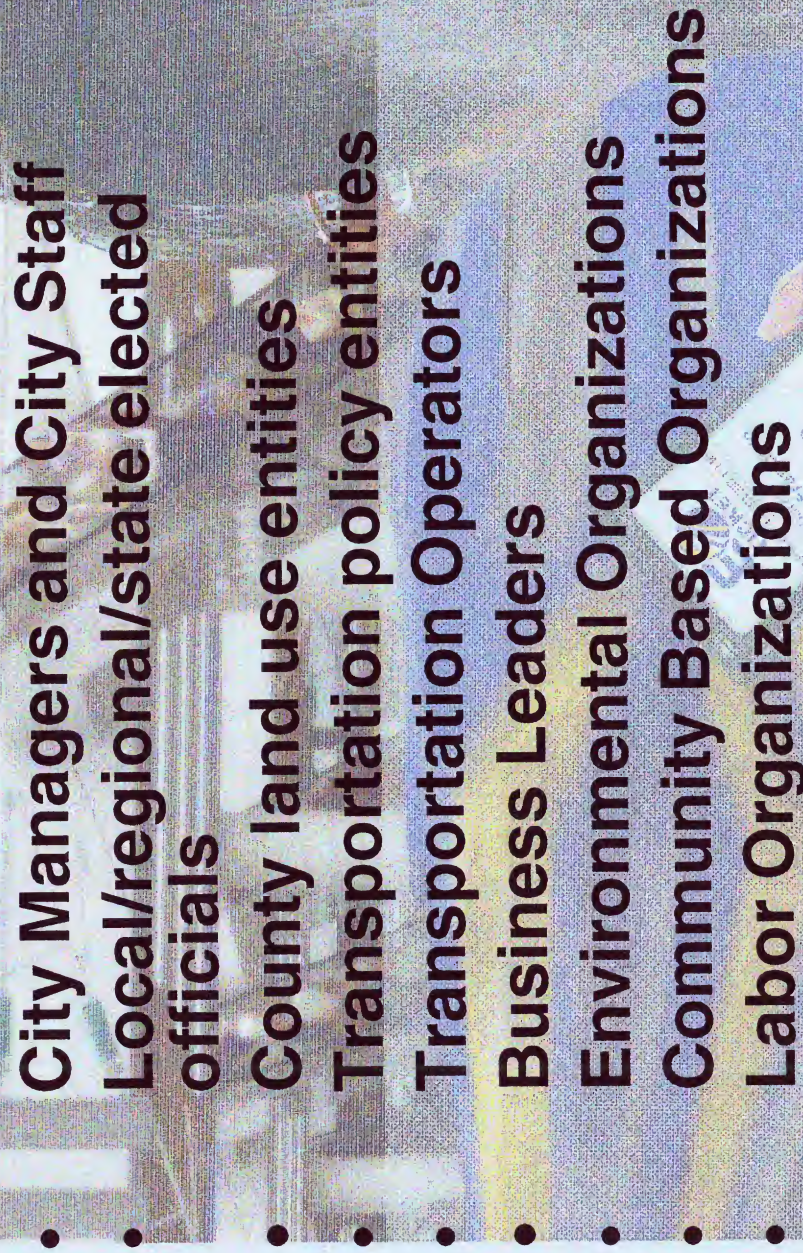
Regional Team Segment Name

AECOM
Altamont

HNTB
San Francisco–San Jose

AECOM
Sacramento - Fresno

PTG
San Jose–Central Valley

URS/Hatch Mott McDonald/Arup
Fresno - Palmdale

Hatch Mott McDonald/URS/Arup
Palmdale – Los Angeles

HNTB
Los Angeles – San Diego

STV
Los Angeles - Irvine

Sacramento
Stockton
Downtown Merced
Downtown Merced
Fresno
Visalia/Tulare-Hanford
Bakersfield
Palmdale Airport
Los Angeles
Norwalk
Anaheim
Ontario Airport
Riverside
Murrieta
Escondido
University City
San Diego
Henry Coe State Park
Oakland
San Transbay Terminal
Millbrae-SFO
Redwood City or Palo Alto

Pacific Ocean

Legend

Rail Alignment
— HST Preferred Alignments
— Proposed High Speed Commuter Rail
○ Stations
● Potential Station

Urban Area
Farmland
National Forest
Public Lands
State Parks
Open Space
Water

0 Miles   20   40
0 Kilometers   20   40   60   80

Map based on 2005 Statewide Programmatic EIR/S preferred route, and staff recommendation to Authority Board December 19, 2007
Mapping Sources: US Census 2000; CA Dept. of Conservation, Farmland Mapping and Monitoring Program 2000;
California Resources Agency Legacy Project 2002; CA Dept. of Fish and Game 1999

Consultant Team

California High-Speed Rail Authority

TECHNICAL ADVISOR
Peter Gertler, AICP
Rachel Vandenberg, PE (DMJM)
Al Herson, JD, AICP (SWCA)

QUALITY & INTEGRATION
QA
Courtney Gonzales, PE (DMJM)
Integration
Eduardo Romo Urroz (Prointec)
Jim Michel, PE

PRINCIPAL-IN-CHARGE
Steve Whitaker, PE

PROJECT CONTROLS
Mark Nipper

PROJECT MANAGER
Timothy Cobb, PE

PUBLIC PARTICIPATION	ENVIRONMENTAL	ENGINEERING & ALTERNATIVES ANALYSIS	ARCHITECTURE & STATION AREA PLANNING
Sharon Kyle	Rod Jeung, AICP (PBS&J)	John Litzinger, PE	Hanan Kivett, AIA (DMJM)

Rail

Track Alignment
Lawrence Meeker, PE

Systems
Steve McElligott, PE

Electrification
Mike Rassias

Operations
David House

Construction Staging
Don Sepulveda, PE

Capital Costs
Ed Ritchie

Civil/Structures

Alternatives Analysis
Ann Jamison, AICP (DMJM)

Civil
Mike Canepa, PE

Structures
Chip Mallare, PE
Ahmad Abdel-Karim, PhD, PE (DMJM)

Tunnels/Retained Cut
Mike Jones, PE

Transportation & Traffic
Tim Erney, AICP (DMJM)

Right-of-Way
Mario Baratta, PE (Transmetrics)

Purpose & Need
Pat Gelb
(PBS&J)

Socio-economic Environment
Trixie Martellino
(PBS&J)

Ecological/Water Resources
Ron Walker
(PBS&J)

Physical Environment
Michael Kay
(PBS&J)

Permitting
Ron Walker
(PBS&J)

Strategy Manager
Eileen Goodwin
(Apex)

Geographic San Francisco
Gia Daniller
(DC)

San Mateo
Michael Garvey
(CGS)

Santa Clara
Ed McGovern
(PAA)

Architecture
Jed Zimmerman, AIA
(DMJM)

Urban Design
Nick Haskell
(EDAW)

Circulation & Access
Bill Burton, PE
(DMJM)

Landscape & Streetscape
Alma du Soiler
(EDAW)

Key Stakeholder Groups

- City Managers and City Staff
- Local/regional/state elected officials
- County land use entities
- Transportation policy entities
- Transportation Operators
- Business Leaders
- Environmental Organizations
- Community Based Organizations
- Labor Organizations

Key Stakeholders

San Francisco

- SF Bicycle Coalition
- Bayview Hunters Pt. Merchants Assn.
- SF African American Chamber
- SF Labor Council
- SF Carpenters Union
- Mayor's Office of Economic/Workforce Development
- SFCTA
- SPUR
- Literacy for Environmental Justice
- SE Community Facility Commission
- Bayview Hunters Pt. Project Area Cmte.
- Potrero Hill Boosters Neighborhood Assn.
- Aide to SF Supervisor Sophie Maxwell

San Mateo

- City Managers and Staff:
  - South SF
  - San Bruno
  - Burlingame
  - San Mateo
  - Belmont
  - San Carlos
  - Redwood City
  - Atherton
  - Menlo Park
- Committee for Green Foothills
- Habitat for Humanity
- San Mateo Bldg. Trades
- San Mateo Labor Council
- SAMCEDA
- Chamber Executives
- SamTrans
- Caltrain
- San Mateo TA
- C/CAG
- SM County Manager

Santa Clara

- City Managers and Staff:
  - Sunnyvale
  - Santa Clara
  - Palo Alto
  - Transportation Mgr. Palo Alto
- Palo Alto Development Group
- Transportation Policy Staff – San Jose
- Redevelopment Staff San Jose
- Strong Neighborhoods Initiative Representative
- San Jose Chamber
- San Jose Downtown Assn.
- San Jose Convention Visitors Bureau
- Silicon Valley Leadership Group
- VTA
- Sierra Club – Loma Prieta Chapter

■ Completed Mtgs.   ■ Scheduled Mtgs.

Scoping Meetings

Scoping Meetings in 3 Counties
3 to 8 pm

San Mateo County Meeting
January 22, 2009
SamTrans Auditorium
1250 San Carlos Avenue
San Carlos, CA

San Francisco County Meeting
January 27, 2009
San Francisco State University
835 Market Street, 6th Floor (Rooms 673 & 674)
San Francisco, CA

Santa Clara County
January 29, 2009
Santa Clara County Convention Center
5001 Great America Parkway
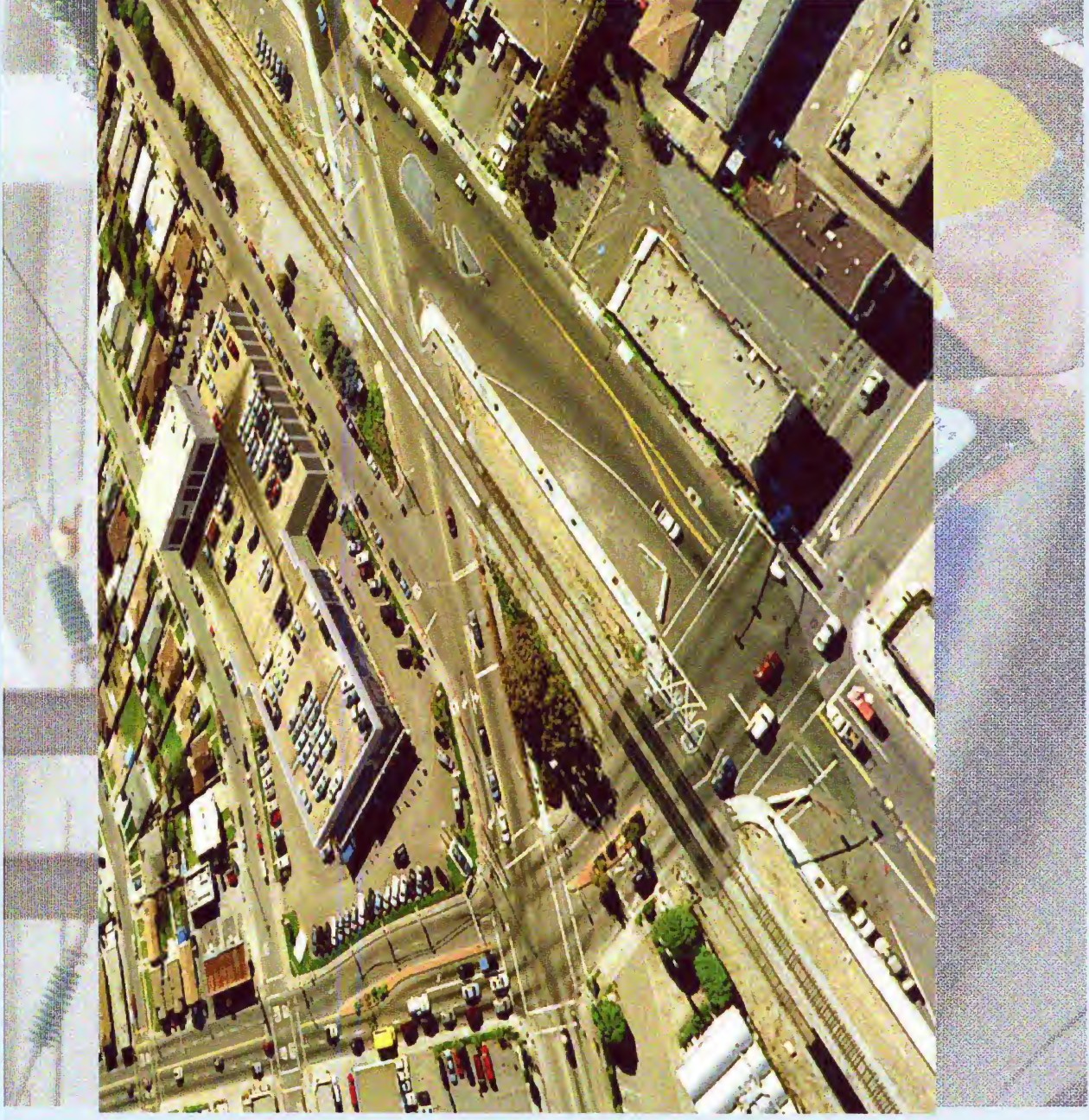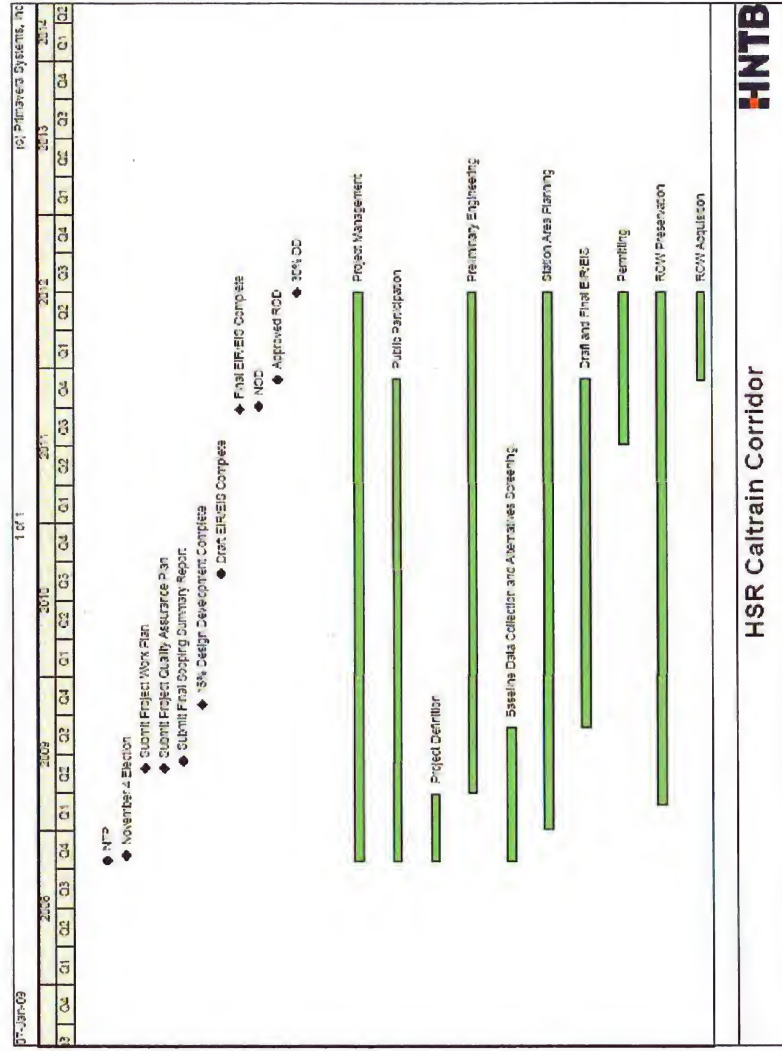Great America Meeting Rooms 1 &2
Santa Clara, CA

Corridor Map

Public Participation for Station Alternatives

Coordination and outreach efforts with communities/stakeholders regarding station options along the alignment including Transbay, Millbrae, Redwood City, Palo Alto, and Diridon

Segment-wide Right-of-Way

Impacts to existing drainage and utility lines and impacts to affected communities including noise and vibration

Environmental

Loss of Habitat/Visual Resources

Legend

- Proposed High-Speed Train Station
- Grade Crossing
- Caltrain Station
- Tunnel
- Corridor
- Historic Caltrain Stations

Four existing tunnels

Additional bores to accommodate high-speed trains

Shared-use Corridor

HST, Caltrain and UPRR

Millbrae Station

Connectivity to SFO, constrained ROW and TOD opportunities

Transbay Terminal King and Fourth
22nd
Paul Ave
Bayshore
South S.F.
San Bruno
Millbrae
Broadway
Burlingame
San Mateo

Corridor Map

Proposed City of San Mateo Hayward Park TOD

Coordinate planning/redevelopment needs with alignment and cities especially those considering TOD

Redwood City Station

A walkable downtown is an anchor for intermodal connections and site is constrained with traffic and visual impacts

Segment-wide Cultural Resources

Six historic train depots including Palo Alto, Millbrae, Burlingame, San Carlos, Menlo Park, Santa Clara, San Jose/Cahill

Segment-wide delivery options

Opportunities for fast-track construction

Environmental

Pulgas Creek in San Carlos Flood Plain

San Jose/Diridon Station

Intermodal hub, potential signature facility, and TOD opportunities

Legend

- Proposed High-Speed Train Station
- Grade Crossing
- Caltrain Station
- Tunnel
- Corridor
- Historic Caltrain Stations

San Bruno Grade Separation
Construction Sequencing

Schedule

HSR Caltrain Corridor
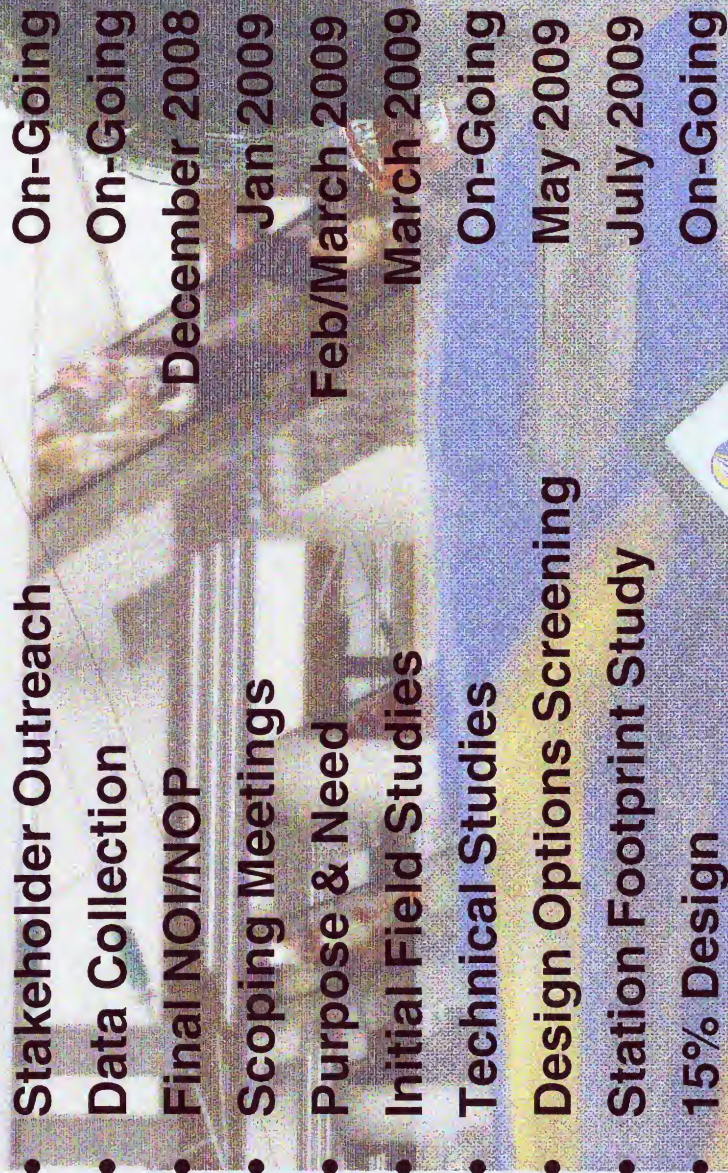
HNTB

FY 2008/2009 Work Plan

- Stakeholder Outreach — On-Going
- Data Collection — On-Going
- Final NOI/NOP — December 2008
- Scoping Meetings — Jan 2009
- Purpose & Need — Feb/March 2009
- Initial Field Studies — March 2009
- Technical Studies — On-Going
- Design Options Screening — May 2009
- Station Footprint Study — July 2009
- 15% Design — On-Going